

ABSTRACT

A process for the preparation of stem cells from human muscle tissue and adipose tissue, and stem cells obtainable by this process

The invention relates to a process for the preparation of human stem cells from muscle tissue or adipose tissue. The process provides for the incubation of cells obtained from a sample of muscle tissue or adipose tissue in a medium comprising BSA, bFGF, EGF, VEGF, LIF, heparin and usual inorganic salts, natural amino acids and vitamins necessary for the growth of mammalian cells. The invention relates also to the human muscle stem cells (hMSC) and human adipose tissue stem cells (hFSC) obtainable by this process.